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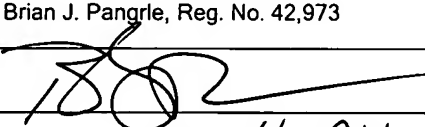
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/087,404
	Filing Date	Feb 26, 2002
	First Named Inventor	Kroll
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	SJ1-029US

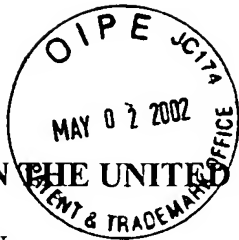
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<div>Remarks</div> <div> <b>29149</b> PATENT &amp; TRADEMARK OFFICE</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brian J. Pangre, Reg. No. 42,973
Signature	
Date	4-24-2002

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L. Parks  
5-23-02  
#2/IDS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. .... 10/087,404  
Filing Date ..... Feb 26, 2002  
Inventorship ..... Kroll  
Applicant ..... St Jude Medical Inc  
Attorney's Docket No. .... SJ1-029US  
Title: Sympathetic Nerve Stimulator and/or Pacemaker

**INFORMATION DISCLOSURE STATEMENT**

References -- See Attached Form PTO-1449

**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

The Commissioner is hereby authorized to charge any payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Respectfully submitted,

Date: 4-24-2002

By: 

Brian J. Pangrle  
Reg. No. 42,973



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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete Known

Application Number 10/087,404

Filing Date Feb 26, 2002

First Named Inventor Kroll

Group Art Unit

Examiner Name

Attorney Docket Number SJ1-029US

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Fany A. Kralios, Luis Martin, Mary Jo Burgess & Kay Millar, "Local ventricular repolarization changes due to sympathetic nerve-branch stimulation," American Journal of Physiology, Vol. 228, No. 5, May 1975, pp. 1621-1626.	
		Benjamin J. Scherlag, Ph.D., Wm. Yamanashi, Ph.D., Patrick Schauerte, M.D., Michael A. Scherlag, M.D., Warren M. Jackman, M.D., & Ralph Lazzara, M.D., "Selective Sympathetic Control of Either Heart Rate or A-V Automaticity, Conduction and Ventricular Contractility Using Endovascular Stimulation," NASPE ABSTRACTS, PACE, Vol. 2, April 2000, Part II, p. 676.	
		William P. Geis, B.S. & Michael P. Kaye, M.S., MD, "Distribution of Sympathetic Fibers in the Left Ventricular Epicardial Plexus of the Dog," Circulation Research, Vol. XXIII, No. 2, August 1968, pp 165-170.	
		Hiroshi Inoue & Douglas P. Zipes, "Changes in Atrial and Ventricular Refractoriness and in Atrioventricular Nodal Conduction Produced by Combinations of Vagal and Sympathetic Stimulation That Result in a Constant Spontaneous Sinus Cycle Length," Circulation Research, Vol. 60, No. 6, June 1987, pp. 942-951.	
		Koonlawee Nademanee, MD, Richard Taylor, MD, William E. Bailey, MD, Daniel E. Rieders, MD, Erol M. Kosar, MD, "Treating Electrical Storm Sympathetic Blockade Versus Advanced Cardiac Life Support-Guided Therapy," Circulation, August 15, 2000, pp. 742-747.	
		Anil K. Bhandari, MD, Melvin M. Scheinman, MD, Fred Morady, MD, John Svinarich, MD, Jay Mason, MD & Roger Winkle, MD, "Efficacy of left cardiac sympathectomy in the treatment of patients with the long QT syndrome," Circulation, Vol. 70, No. 6, December 1984, pp. 1018-1023.	
		G. Michael Vincent, MD, J.A. Abildskov, MD, M.J. Burgess, MD, Kay Millar, MD, "Autonomic Manipulation in the Inherited Long QT-Recurrent Syncope Syndromes," The American Journal of CARDIOLOGY, Vol. 33, January 1974, p. 174.	
		Walter C. Randall, Mathias Szentivanyi, John B. Pace, James S. Wechsler & Michael P. Kaye, "Patterns of Sympathetic Nerve Projections onto the Canine Heart," Circulation Research, Vol. XXII, No. 3, March 1968, pp. 315-323.	
		Frank Yanowitz, BA, James B. Preston, MD & J.A. Abildskov, MD, "Functional Distribution of Right and Left Stellate Innervation to the Ventricles: Production of Neurogenic Electrocardiographic Changes by Unilateral Alteration of Sympathetic Tone," Circulation Research, Vol. XVIII, April 1966, pp. 416-428.	
		James B. Martins & Douglas P. Zipes, "Effects of Sympathetic and Vagal Nerves on Recovery Properties of the Endocardium and Epicardium of the Canine Left Ventricle," Circulation Research Vol. 46, No. 1, January 1980, pp. 100-110.	
		Yrsa Bergmann Sverrisdottir, PhD, Bengt Rundqvist, MD, PhD, Gudmundur Johannsson, MD, PhD, Mikael Elam, MD, PhD, "Sympathetic Neural Burst Amplitude Distribution - A More Specific Indicator of Sympathoexcitation in Human Heart Failure," Circulation, October 24, 2000, pp. 2076-2081.	

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Date  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number 10/087,494  
Filing Date Feb 26, 2002  
First Named Inventor Kroll  
Group Art Unit  
Examiner Name  
Attorney Docket Number SJ1-029US

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Gregory W. Thompson, BSc, James M. Levett, MD, Scott M. Miller, MD, Michael R.S. Hill, PhD, William G. Meffert, MD, Ronald J. Kolata, DVM, Michael F. Clem, DVM, David A. Murphy, DVM, MD, & J. Andrew Armour, MD, PhD, "Bradycardia Induced by Intravascular Versus Direct Stimulation of the Vagus Nerve," 1998 The Society of Thoracic Surgeons, published by Elsevier Science Inc., pp. 637-642.	
		I.M. Ali, MD, C.K. Butler, MD, J.A. Armour, MD, PhD, & D.A. Murphy, MD, "Modification of Supraventricular Tachyarrhythmias by Stimulating Atrial Neurons," 1990 by The Society of Thoracic Surgeons, pp. 251-256.	
		Patrick Schauerte, MD, Benjamin J. Scherlag, PhD, FACC, Michael A. Scherlag, MD, Sunil Goli, MD, Warren M. Jackman, MD, FACC, Ralph Lazzara, MD, FACC, "Ventricular Rate Control During Atrial Fibrillation by Cardiac Parasympathetic Nerve Stimulation: A Transvenous Approach," Journal of the American College of Cardiology, Vol. 34, No. 7, 1999, pp. 2043-2050.	
		Xiaohong Zhou, MD, Frank L. Vance IV, Anthony L. Sims, Catherine M. Sreenan, BS, Raymond E. Ideker, MD, PhD, "Prevention of High Incidence of Neurally Mediated Ventricular Arrhythmias by Afferent Nerve Stimulation in Dogs," Circulation, February 22, 2000 (American Heart Association, Inc.), pp. 819-824.	
		Chuen-Wang Chiou, MD, John N. Eble, MD, Douglas P. Zipes, MD, "Efferent Vagal Innervation of the Canine Atria and Sinus and Atrioventricular Nodes - The Third Fat Pad," Circulation, Vol. 95, No. 11, June 3, 1997, pp. 2573-2584.	
		Ralph Lazzara, Benjamin J. Scherlag, Morton J. Robinson, & Philip Samet, "Selective In Situ Parasympathetic Control of the Canine Sinoatrial and Atrioventricular Nodes," Circulation Research, Vol. XXXII, March 1973, pp. 393-401.	
		Shih-Ann Chen, MD, Chern-En Chiang, MD, Ching-Tai Tai, MD, Zu-Chi Wen, MD, Shih-Huang Lee, MD, Chuen-Wang Chiou, MD, Yu-Ann Ding, MD & Mau-Song Chang, MD, "Intracardiac Stimulation of Human Parasympathetic Nerve Fibers Induces Negative Dromotropic Effects: Implication with the Lesions of Radiofrequency Catheter Ablation," Journal of Cardiovascular Electrophysiology, Vol. 9, No. 3, March 1998, pp. 245-252.	
		Don W. Wallick & Paul J. Martin, "Separate parasympathetic control of heart rate and atrioventricular conduction of dogs," 1990 the American Physiological Society, pp. H536-H542.	
		J.A. Abildskov, MD, "Adrenergic effects on the QT interval of the electrocardiogram," American Heart Journal, August, 1976, Vol. 92, No. 2, pp. 210-216.	

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